

AMENDMENTS TO THE ABSTRACT

Please amend the Abstract as follows:

Data Storage and Processing Systems

~~This invention generally relates to systems, methods and computer program code. We describe techniques for storing and processing data, in particular data captured in large volumes of data captured by monitoring digital mobile communications networks such as from digital mobile phone networks.~~

~~A method of storing data captured from a digital communications network, for processing, said captured data comprising a stream of messages having message parameters, said stream of messages comprising messages of a plurality of communications sessions, the method comprising: inputting data from said stream of messages; writing, for sequential ones of said networks. One technique inputs a stream of messages, writes sequential sets of message parameters into a first FIFO(first in first out) data structure, at an entry point of said first FIFO data structure; reading said sequential sets of parameters from an exit point of said first FIFO data structure; and writing sequential sets of parameters read from said first FIFO data structure into a second data structure, and wherein said structure. Importantly in this technique the entry point and said exit point are separated by a first data structure length; and wherein said first data structure length has a predetermined minimum value length defined in terms of a number of said sets of parameters and/or a time. Some preferred implementations also include a last value data store or bucket to store one or more most recent previous values of between said writing of a said set of parameters into said first data structure and said reading of a said set of parameters from said first data structure. message parameters.~~